LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121792.D
Acq On : 2 Oct 2020 14:07
Operator : JU/CG
Sample : L4198-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-24

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	488	492	500	rVB	39583	53298	1.76%	0.227%
2	5.387	557	561	564	rBV	2710201	2479151	82.03%	10.557%
3	6.404	729	734	750	rBV	2572014	2639205	87.32%	11.238%
4	6.598	763	767	780	rBV	30855	42975	1.42%	0.183%
5	6.763	791	795	798	rBV	912011	796682	26.36%	3.392%
6	7.328	885	891	894	rBV	1873408	1810824	59.91%	7.711%
7	8.045	1008	1013	1016	rBV	1156014	1055623	34.93%	4.495%
8	9.122	1190	1196	1199	rBV	3278044	3022427	100.00%	12.870%
9	9.516	1258	1263	1267	rBV	256281	232017	7.68%	0.988%
10	9.798	1305	1311	1314	rBV	1412594	1207000	39.93%	5.140%
11	10.586	1440	1445	1448	rBV	2132551	1885788	62.39%	8.030%
12	11.280	1559	1563	1566	rBV	1370226	1197259	39.61%	5.098%
13	11.304	1566	1567	1570	rVB	70148	38988	1.29%	0.166%
14	11.674	1627	1630	1633	rBV	55078	40860	1.35%	0.174%
15	12.357	1743	1746	1748	rBV	250628	230420	7.62%	0.981%
16	12.380	1748	1750	1753	rVB	315506	239796	7.93%	1.021%
17	12.469	1762	1765	1766	rBV	47888	38419	1.27%	0.164%
18	12.492	1766	1769	1775	rVB	118848	103763	3.43%	0.442%
19	12.721	1798	1808	1810	rBV2	96046	120392	3.98%	0.513%
20	12.763	1813	1815	1820	rVB3	37138	33111	1.10%	0.141%
21	12.869	1825	1833	1836	rBV	2960844	2703550	89.45%	11.512%
22	13.098	1867	1872	1877	rBV2	56769	69066	2.29%	0.294%
23	13.333	1909	1912	1921	rVB4	25500	48802	1.61%	0.208%
24	13.439	1926	1930	1932	rVB2	71209	62481	2.07%	0.266%
25	13.768	1982	1986	1997	rBV	367462	503827	16.67%	2.145%
26	13.916	2004	2011	2014	rBV	937777	960953	31.79%	4.092%
27	13.939	2014	2015	2018	rVB	59409	46762	1.55%	0.199%
28	14.021	2023	2029	2032	rBV6	18843	39512	1.31%	0.168%
29	14.080	2036	2039	2046	rVB	87123	101832	3.37%	0.434%
30	14.386	2087	2091	2093	rBV	101222	95799	3.17%	0.408%
31	14.686	2136	2142	2145	rBV2	90638	104836	3.47%	0.446%
32	14.757	2151	2154	2158	rVB	29451	34028	1.13%	0.145%
33	14.939	2181	2185	2188	rBV	61900	87521	2.90%	0.373%
34	15.010	2193	2197	2200	rBV	73981	75021	2.48%	0.319%

LSC Area Percent Report

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Operator : JU/CG
Sample : L4198-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-24

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.292	2242	2245	2250	rVB	41714	51686	1.71%	0.220%
36	15.351	2250	2255	2266	rBV	651806	931644	30.82%	3.967%
37	15.786	2325	2329	2335	rVB	53097	86613	2.87%	0.369%
38	15.862	2338	2342	2351	rBV7	37598	120162	3.98%	0.512%
39	16.268	2407	2411	2422	rVB4	47816	91915	3.04%	0.391%

Sum of corrected areas: 23484008

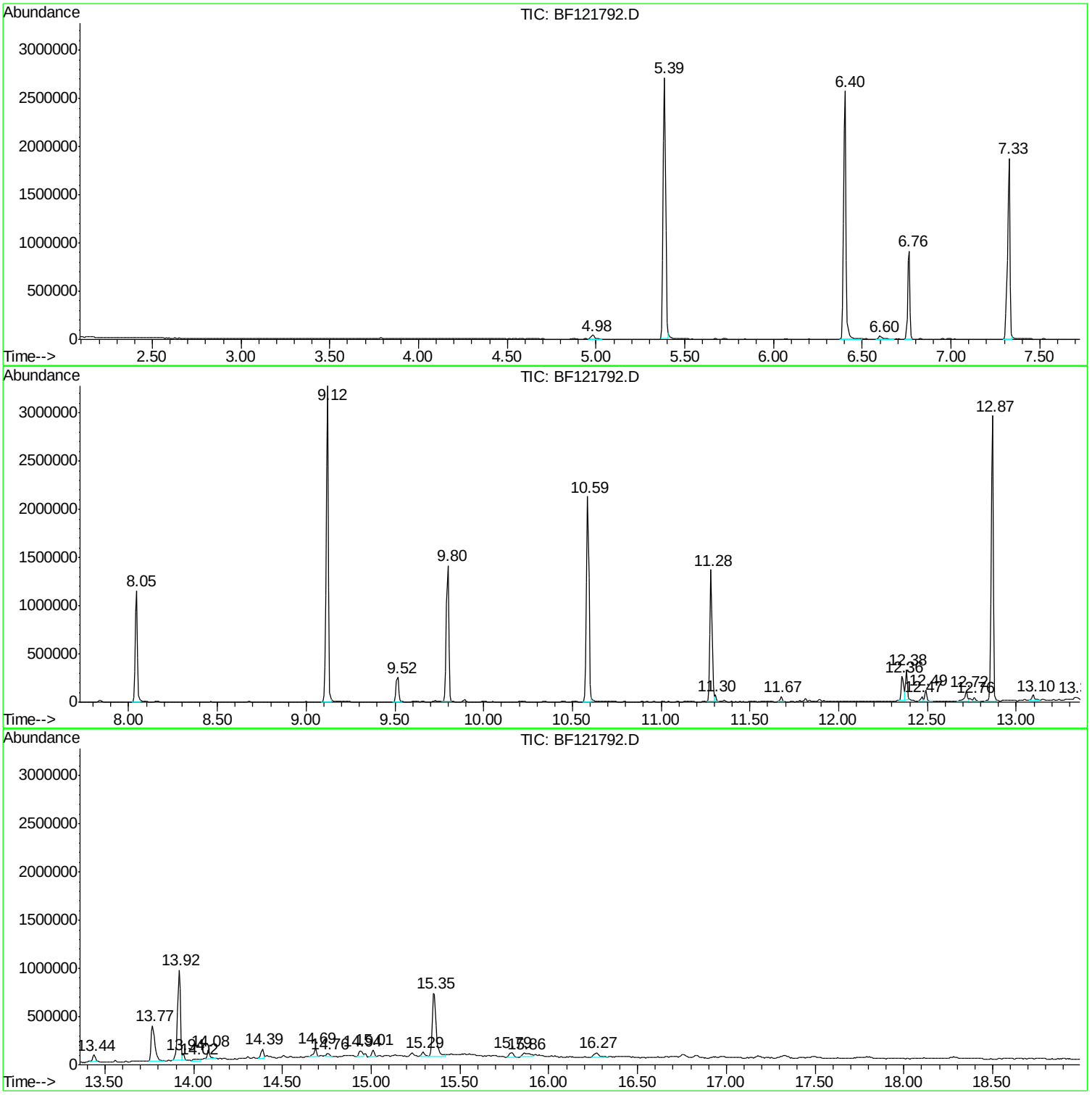
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121792.D
Acq On : 2 Oct 2020 14:07
Operator : JU/CG
Sample : L4198-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121792.D
Acq On : 2 Oct 2020 14:07
Operator : JU/CG
Sample : L4198-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

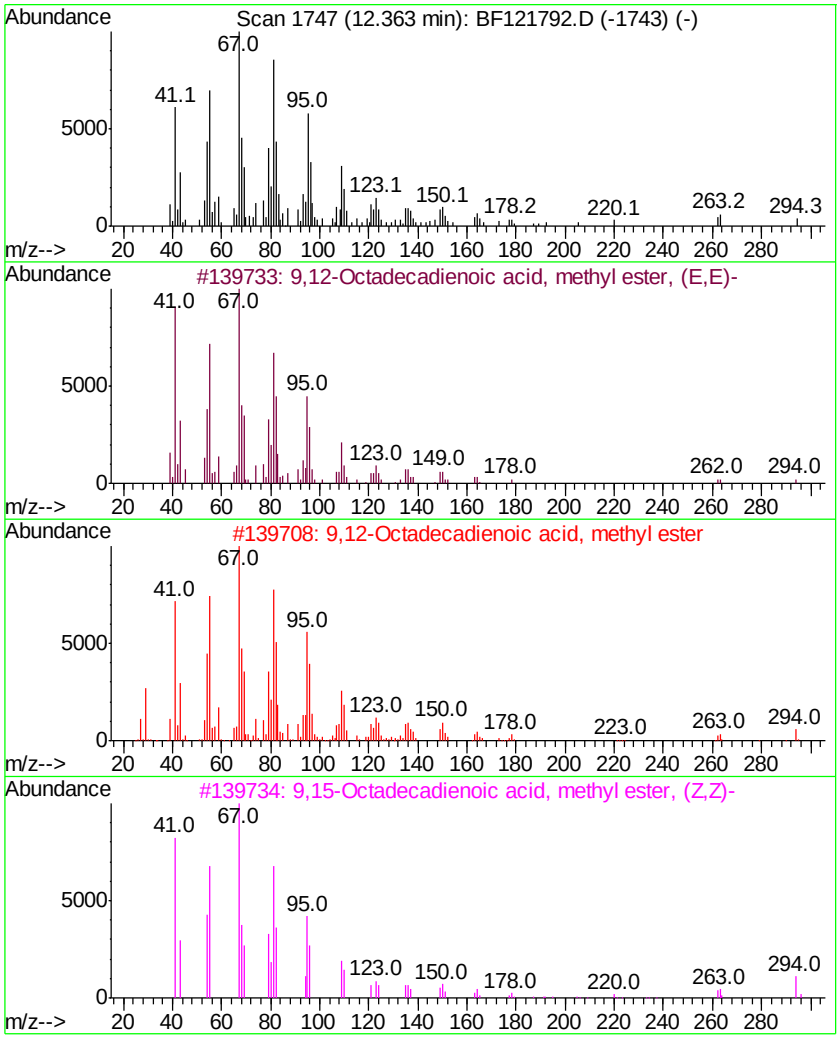
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

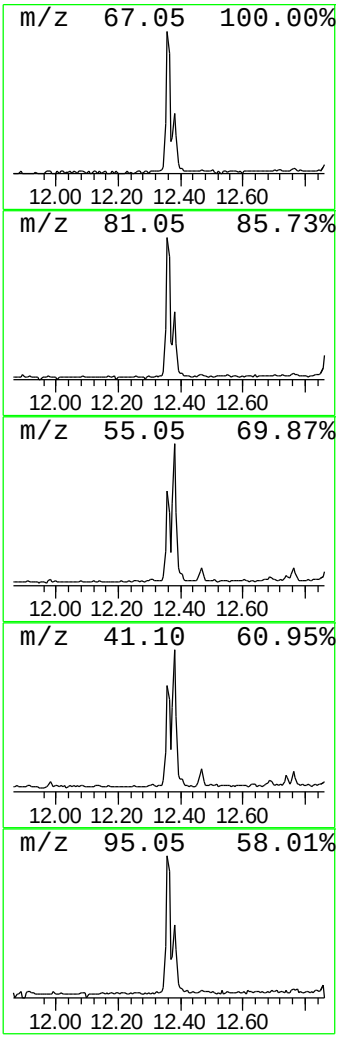
****

Peak Number 1 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.85 ng	230420	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121792.D
Acq On : 2 Oct 2020 14:07
Operator : JU/CG
Sample : L4198-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

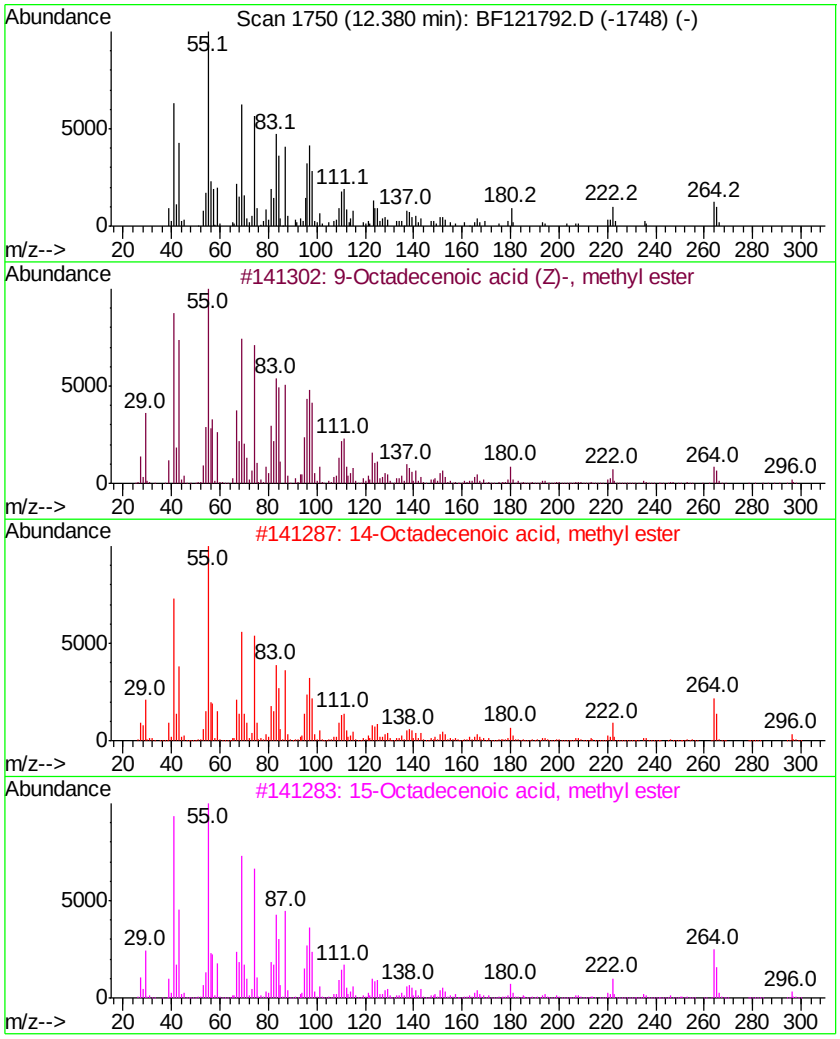
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

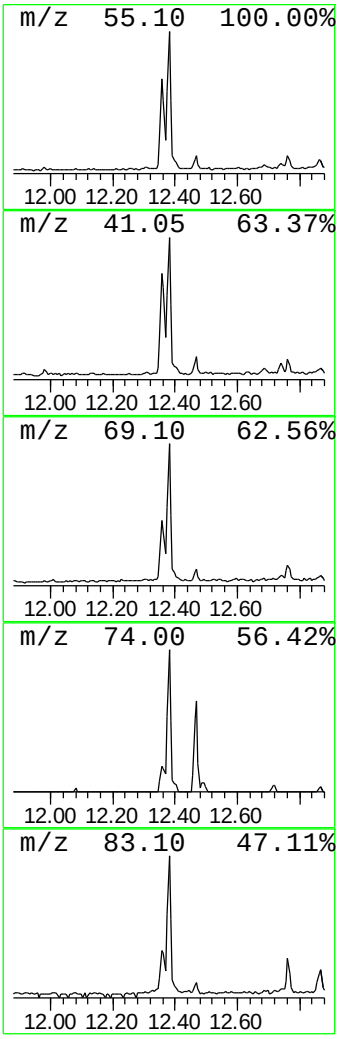
****

Peak Number 2 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	4.01 ng	239796	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	93
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121792.D
Acq On : 2 Oct 2020 14:07
Operator : JU/CG
Sample : L4198-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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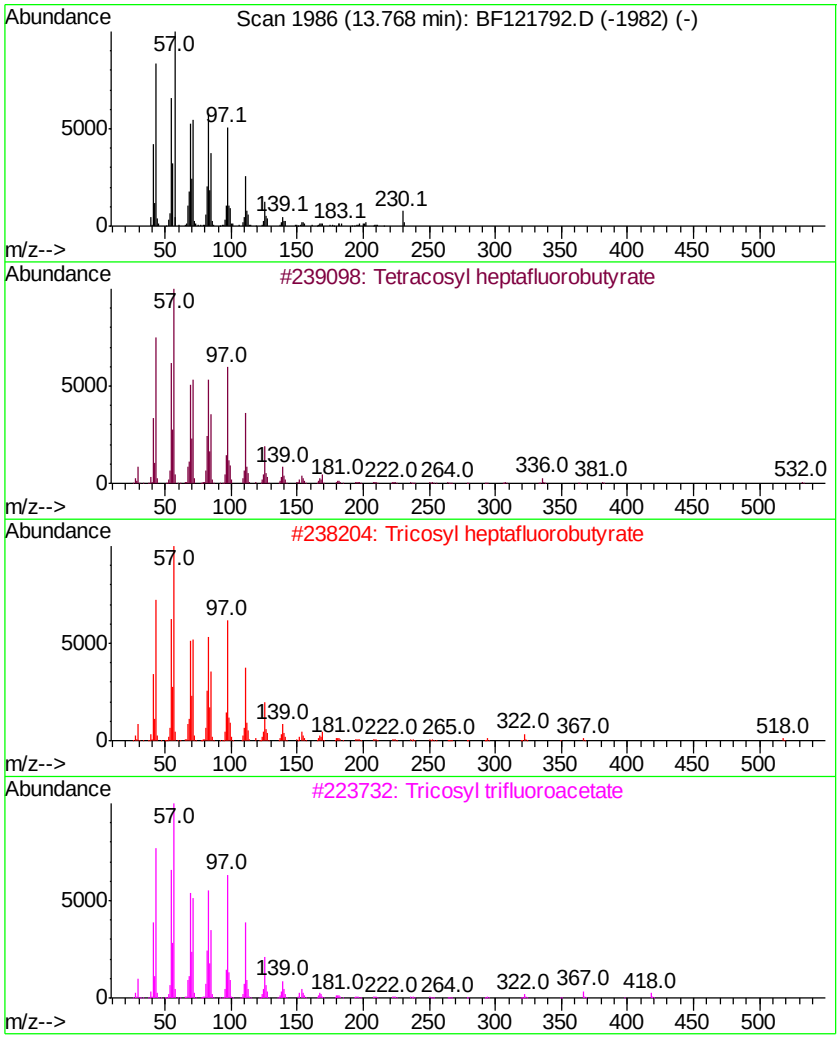
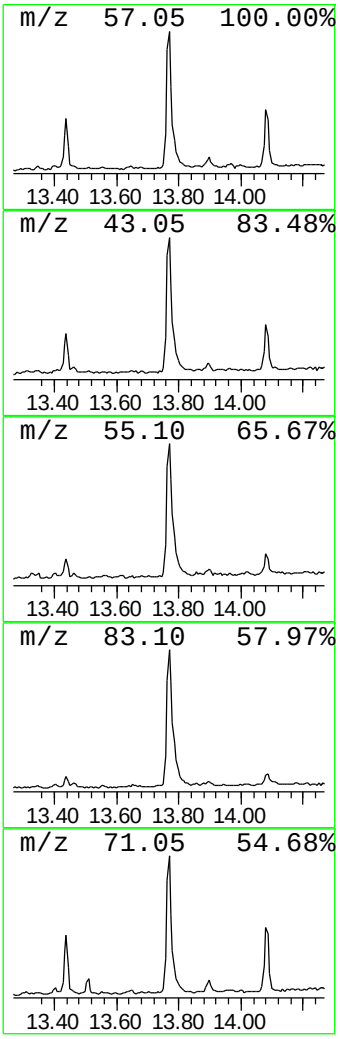
Peak Number 4 Tetracosyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	10.49 ng	503827	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
2	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121792.D
Acq On : 2 Oct 2020 14:07
Operator : JU/CG
Sample : L4198-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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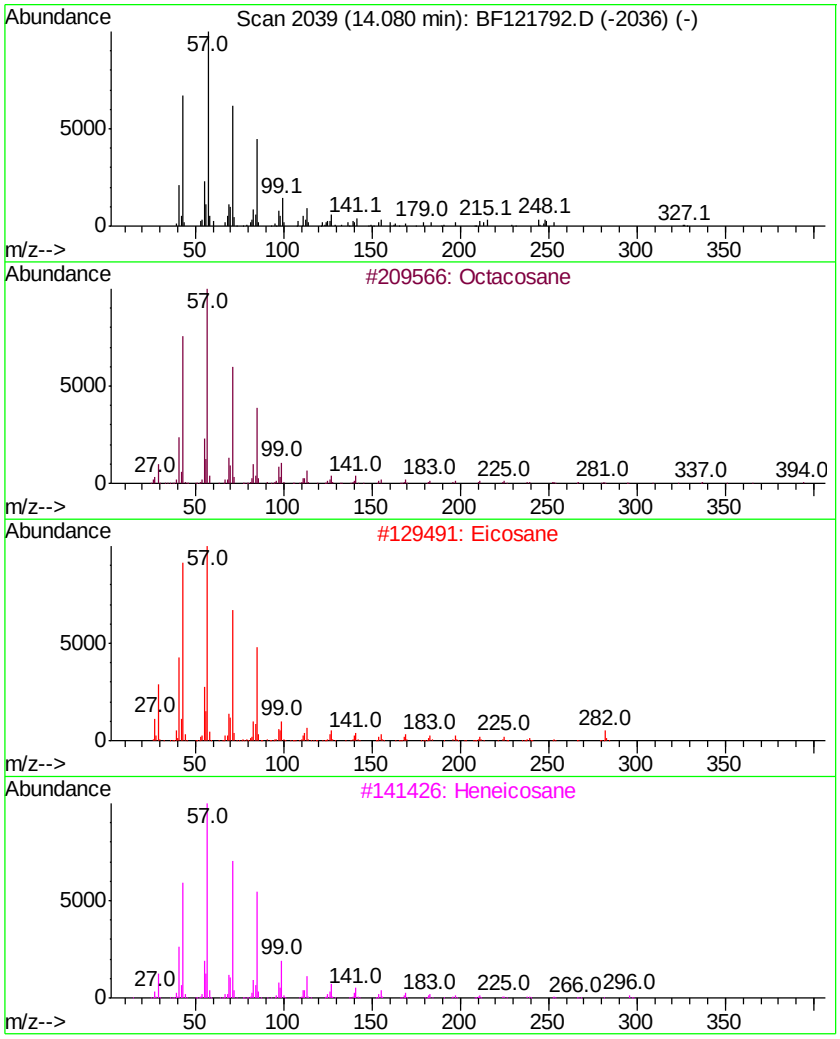
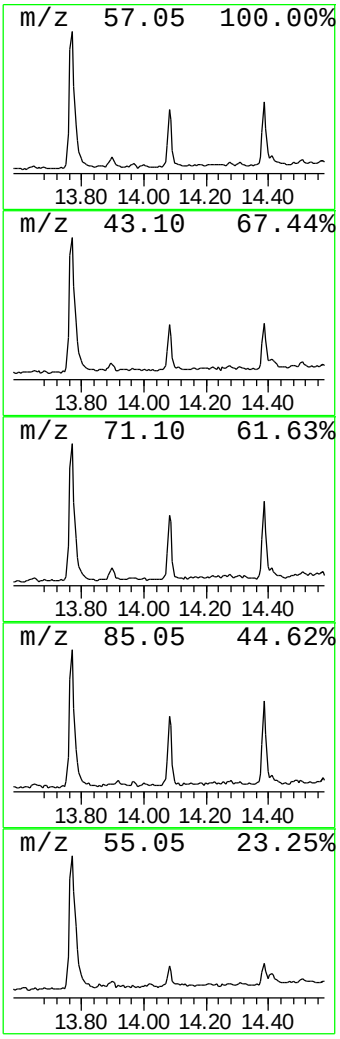
Peak Number 5 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	2.12 ng	101832	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121792.D
Acq On : 2 Oct 2020 14:07
Operator : JU/CG
Sample : L4198-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

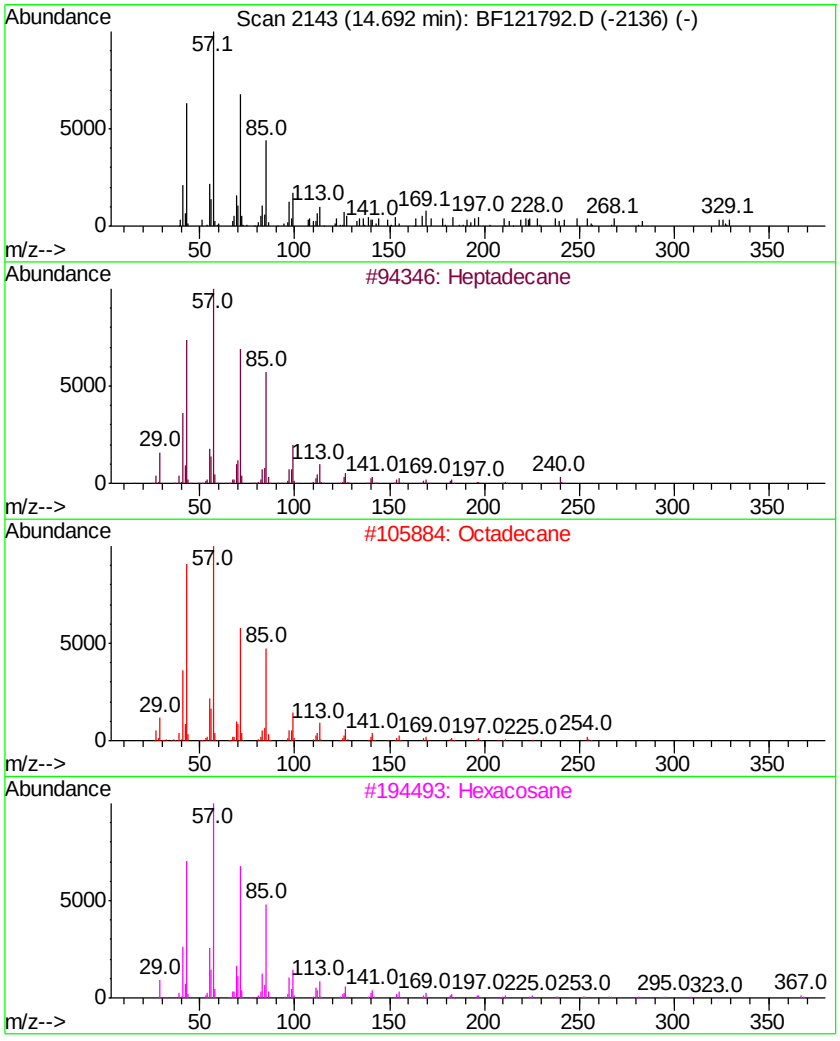
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

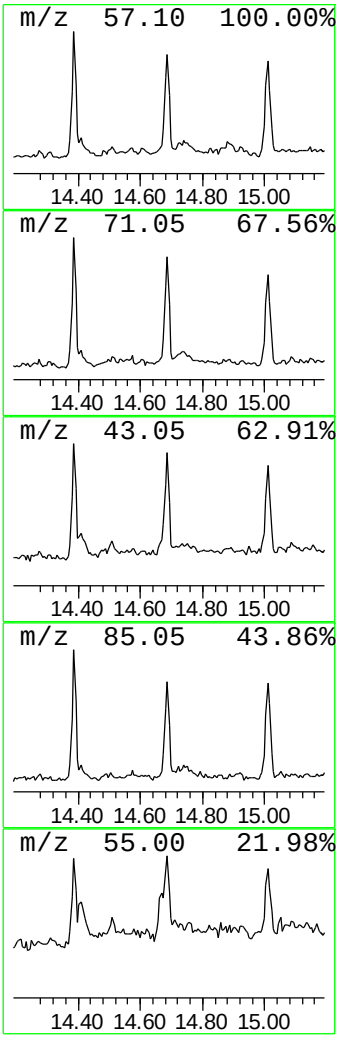
****

Peak Number 6 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.25 ng	104836	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Octadecane	254	C18H38	000593-45-3	94
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Sample : L4198-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-24

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

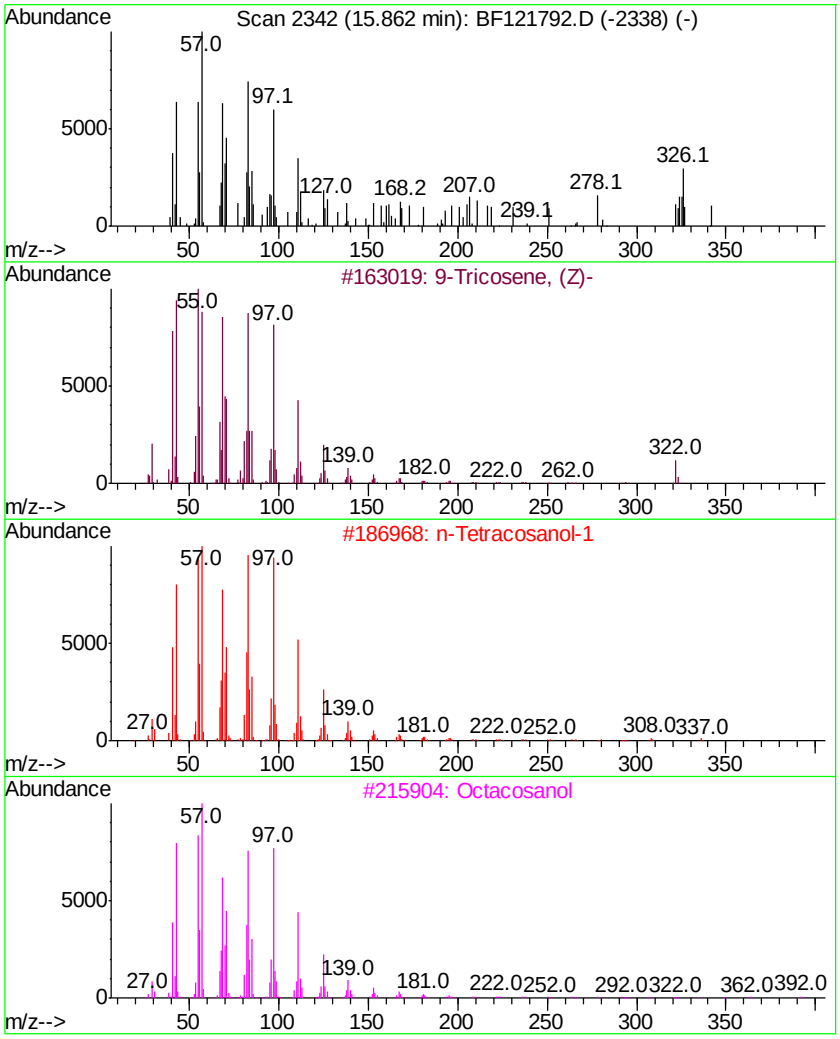
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

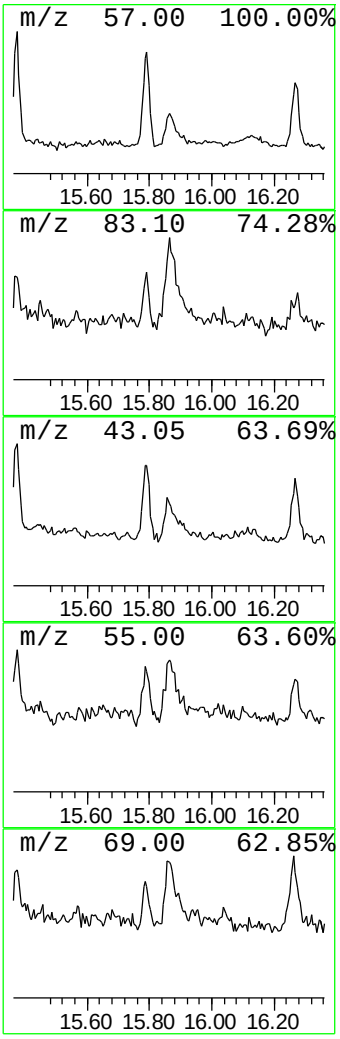
****

Peak Number 7 9-Tricosene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.58 ng	120162	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	55
3	Octacosanol	410	C28H58O	000557-61-9	55
4	Behenic alcohol	326	C22H46O	000661-19-8	55
5	1-Heneicosanol	312	C21H44O	015594-90-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100220\
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Instrument : BNA_F
ClientSampleId : RO-24

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
9,12-Octadecadien...	12.36	3.9	ng	230420	4	11.28	1197260	20.0
9-Octadecenoic ac...	12.38	4.0	ng	239796	4	11.28	1197260	20.0
Tetracosyl heptaf...	13.77	10.5	ng	503827	5	13.92	960953	20.0
Octacosane	14.08	2.1	ng	101832	5	13.92	960953	20.0
Heptadecane	14.69	2.3	ng	104836	6	15.35	931644	20.0
9-Tricosene, (Z)-	15.86	2.6	ng	120162	6	15.35	931644	20.0